

Summary of Selected Beneficial Use Criteria for Waterbodies Identified in the Nevada Administrative Code

NAC	Name	Description	Beneficial Use Criteria															
			pH	Dissolved Oxygen (mg/l)	Maximum Temperature (degrees C)	Total Phosphorus (as P - mg/l)	Total Nitrogen (as N - mg/l)	Nitrite (as N - mg/l)	Nitrate (as N - mg/l)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Color (PCU)	E coli (number/milliter)		
CLASS A WATERS																		
445A.124	Various waterbodies		6.5 - 8.5	6.0	20°	0.05 - 0.10						500						
CLASS B WATERS																		
445A.125	Various waterbodies		6.5 - 8.5	5.0 (nontrout waters); 6.0 (trout waters)	20° (trout waters); 24° (nontrout waters)	0.1						500						
CLASS C WATERS																		
445A.126	Various waterbodies		6.5 - 8.5	5.0 (nontrout waters); 6.0 (trout waters)	20° (trout waters); 34° (nontrout waters)	0.3						500						
CLASS D WATERS																		
445A.127	Various waterbodies		6.0 - 9.0	3.0														
CARSON RIVER BASIN																		
445A.147	West Fork Carson River	At stateline	6.5 - 9.0	5.0 (Nov-May); 6.0 (Jun-Oct)	13° (Nov-May); 17° (Jun); 21° (Jul); 22° (Aug-Oct)	0.10 (AA)		0.06	10	25	10	500 (AA)	250	250	75	126 (AGM); 410		
445A.148	Bryant Creek	At stateline																
445A.149	East Fork Carson River	At stateline																
445A.150	East Fork Carson River	Stateline to Highway 395																
445A.151	East Fork Carson River	Highway 395 to Muller Lane			13° (Nov-Apr); 17° (May-June); 23° (July-Oct)	0.10 (AA)		0.06	10	80	10	500 (AA)	250	250	75	126 (AGM); 410		
445A.152	EF/WF & Carson River	EF at Muller to Genoa Lane & WF at stateline to Genoa Lane																
445A.153	Carson River	Genoa Lane to Cradlebaugh Bridge																
445A.154	Carson River	Cradlebaugh Bridge to Mexican Ditch Gage			18° (Nov-May); 23° (Jun-Oct)	0.10 (AA)		0.06	10	80	50	500 (AA)	250	250	75	126 (AGM); 410		
445A.155	Carson River	Mexican Ditch Gage to New Empire																
445A.156	Carson River	New Empire to Dayton Bridge			11° (Nov-Mar); 24° (Apr-Jun); 28° (July-Oct)	0.06		1.0	25	50	500 (AA)	250	250	75	126 (AGM); 235			
445A.157	Carson River	Dayton Bridge to Weeks Bridge																
445A.158	Carson River	Weeks Bridge to Lahontan Dam																
WALKER RIVER BASIN																		
445A.160	West Walker River	At stateline	6.5 - 9.0	5.0 (Nov-May); 6.0 (Jun-Oct)	13° (Nov-Apr); 17° (May-Jun); 23° (Jul-Oct)	0.10 (AA)		0.06	10	80	10 NTU above natural conditions	500 (AA)	250	250	75	126 (AGM); 410		
445A.161	Topaz Lake	Various points in Topaz Lake																
445A.162	West Walker River	CA stateline to Wellington																
445A.163	West Walker River	Wellington to confluence with East Walker River																
445A.164	Sweetwater Creek	CA stateline to the East Walker River			13° (Nov-Mar); 23° (Apr-Jun); 28° (Jul-Oct); (See Note 1)			0.10 (AA)	1.0		0.06; 1.0 (See Note 2)	80	10 NTU above natural	500 (AA)	250	250	75	126 (AGM); 410
445A.165	East Walker River	At stateline																
445A.1655	East Walker River	Stateline to Bridge B-1475																
445A.166	East Walker River	Bridge B-1475 to East/West Walker confluence																
445A.167	Walker River	East/West Walker confluence to Weber Reservoir Inlet																
State standards do not apply on tribal lands																		
445A.168	Walker River	Weber Reservoir to Walker Lake	6-5 - 9.0		13° (Nov-Apr); 17° (May-Jun); 23° (Jul-Oct)	0.10 (AA)		0.06	10	80	10 NTU above natural	500 (AA)	250	250	75	126 (AGM); 410		
445A.169	Desert Creek	CA stateline to the West Walker River																
445A.1696	Walker Lake	Walker Lake	6.5 - 9.7	5.0 (See Note 3)		0.82		0.06	90	25						126 (AGM); 235		
CENTRAL REGION																		
445A.171	Chiatovich Creek	Above highway maintenance station	6.5 - 9.0	5.0 (Nov-May); 6.0 (Jun-Oct)	13° (Nov-Apr); 17° (May-Jun); 23° (Jul-Oct)	0.1 (AA)		0.06	10	25	10	500 (AA)	250	250	10 PCU above natural conditions	126 (AGM); 410		
445A.172	Indian Creek	Above center of Section 9, T2S, R34E																
445A.173	Leidy Creek	Above hydroelectric plant																

Summary of Selected Beneficial Use Criteria for Waterbodies Identified in the Nevada Administrative Code

NAC	Name	Description	Beneficial Use Criteria																				
			pH	Dissolved Oxygen (mg/l)	Maximum Temperature (degrees C)	Total Phosphorus (as P - mg/l)	Total Nitrogen (as N - mg/l)	Nitrite (as N - mg/l)	Nitrate (as N - mg/l)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Color (PCU)	E coli (number/milliter)							
COLORADO RIVER BASIN																							
445A.175	Virgin River	AZ stateline to Mesquite	6.5 - 9.0	5.0	21° (Nov-Jun); 32° (Jul-Oct)	0.1 (AA)		5	90		10 NTU above natural conditions	See Note 4			10 PCU above natural conditions	630 (AGM)							
445A.176	Virgin River	At stateline																					
445A.177	Virgin River	Mesquite to river mouth at Lake Mead																					
445A.178	Beaver Dam Wash	Above Schroeder Reservoir		5.0 (Nov-May); 6.0 (Jun-Oct)	13° (Nov-Apr); 17° (May-Jun); 23° (Jul-Oct)	0.05 (AA)		0.06	10	25	10		400	500									
445A.192	Colorado River	Lake Mohave Inlet to CA stateline																					
445A.193	Colorado River	Hoover Dam to Lake Mohave Inlet																					
445A.195	Lake Mead	Excluding area covered by NAC 445A.197		5.0 (See Note 5)				1	90	135 (See Note 7)	25	1000								126 (AGM); 235			
445A.197	Lake Mead	West boundary of Las Vegas Bay campground to confluence of Las Vegas Wash										5.0									3000		
445A.199	Las Vegas Wash	Confluence of discharges from City of Las Vegas and Clark County wastewater treatment plants to Telephone Road		See Note 6				10	100		3000										10 PCU above natural conditions	630	
445A.201	Las Vegas Wash	Telephone Road to Lake Mead																					
445A.210	Muddy River	River source to Glendale																					
445A.211	Muddy River	Glendale to Lake Mead	5.0	21° (Nov-Jun); 32° (Jul-Oct)	0.1 (AA)	1	10		10 NTU above natural conditions	See Note 4													
445A.212	Meadow Valley Wash	Bridge above Rox to Muddy River														0.3 (AA)	5	90	3000				
GREAT SALT LAKE BASIN																							
445A.179	Snake Creek	Above fish hatchery	6.5 - 9.0	5.0 (Nov-May); 6.0 (Jun-Oct)	13° (Nov-Apr); 17° (May-Jun); 23° (Jul-Oct)	0.1 (AA)		0.06	10	25	10	500 (AA)	250	250	10 PCU above natural conditions	126 (AGM); 410							
WESTERN REGION																							
445A.180	Smoke Creek	No description given	6.5 - 8.0 7.0 - 8.5 (AM)	7.5; 8.0 (Avg - Jul-Sep)	14° (Winter); 25° (Summer)	0.16 (AA); 0.23			0.1		10 JTU above natural conditions	225 (AA); 275	10		10 PCU above natural conditions								
TRUCKEE RIVER BASIN																							
445A.181	Bronco Creek	No description given	6.5 - 8.5 7.0 - 8.5 (AM)	6.0; 7.0 (Avg: Jul-Sep)	20° (Avg: Jun-Sep); 13° (Winter); 25° (Summer)	0.1 (AA); 0.13			0.9		10 JTU above natural conditions	225 (AA); 300	10		10 PCU above natural conditions								
445A.182	Gray Creek	No description given		6.0; 7.0 (Avg: Jul-Sep)					0.7			125 (AA); 165											
445A.184	Truckee River	At stateline	6.5 - 9.0	5.0 (Apr-Oct); 6.0 (Nov-Mar)	7° (Nov-Mar); 13° (Apr-May); 17° (Jun); 21° (Jul); 22° (Aug); 23° (Sep-Oct)	0.10 (AA)				25	10	500 (AA)	250	250	75	126 (AGM); 410							
445A.185	Truckee River	CA stateline to Idlewild																					
445A.186	Truckee River	Idlewild to East McCarran Blvd																					
445A.187	Truckee River	East McCarran Blvd to Lockwood			13° (Nov-Mar); 21° (Apr); 22° (May); 23° (Jun-Oct); (See Notes 8 & 9)	.05 (AA)		0.04	2	50							10						
445A.188	Truckee River	Lockwood to Derby Dam																					
445A.189	Truckee River	Derby Dam to Wadsworth																					
445A.190	Truckee River	Wadsworth to Pyramid Lake	State standards do not apply on tribal lands																				
445A.191	Lake Tahoe	Lake Tahoe	7.0 - 8.4	See Note 10	10° (Oct-May); 20° (Jun-Sep)	See Note 11	0.32; 0.25 (AA)	0.06			See Note 12	70; 60 (AA)	5; 3 (AA)	2		126							
445A.1915	Tributaries to Lake Tahoe	All tributaries	6.5 - 9.0	6.0		0.05		0.06	10	25	10	500 (AA)	250	250	75								

Summary of Selected Beneficial Use Criteria for Waterbodies Identified in the Nevada Administrative Code

NAC	Name	Description	Beneficial Use Criteria													
			pH	Dissolved Oxygen (mg/l)	Maximum Temperature (degrees C)	Total Phosphorus (as P - mg/l)	Total Nitrogen (as N - mg/l)	Nitrite (as N - mg/l)	Nitrate (as N - mg/l)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Color (PCU)	E coli (number/milliter)
HUMBOLDT RIVER BASIN																
445A.203	Humboldt River	Source to Osino	6.5 - 9.0	5.0		0.1 (??)		1.0	10	80 (AM)	50	500 (AA)	250	250	No adverse effects	126 (AGM); 410
445A.204	Humboldt River	Osino to Palisade														
445A.205	Humboldt River	Palisade to Battle Mountain														
445A.206	Humboldt River	Battle Mountain to State Highway 789														
445A.207	Humboldt River	Comus to Imlay														
445A.208	Humboldt River	Imlay to Woosley										1000				
SNAKE RIVER BASIN																
445A.215	Big Goose Creek	Entire reach	6.5 - 9.0	6	21° (May-Oct); 13° (Nov-Apr)	0.1		0.06	10	25	10	500	250		10 PCU above natural conditions	126 (AGM); 410
445A.216	Salmon Falls Creek	Entire reach														
445A.217	Shoshone Creek	Entire reach														
445A.218	EF Jarbidge River	Entire reach														
445A.219	Jarbidge River	Upstream from Jarbidge														
445A.220	Jarbidge River	Jarbidge to stateline														
445A.221	West Fork Bruneau River	Entire reach														
445A.222	East Fork Owyhee River	Wildhorse Reservoir to Mill Creek														
445A.223	East Fork Owyhee River	Mill Creek to New China Dam	State standards do not apply on tribal lands													
445A.224	East Fork Owyhee River	New China Dam to stateline	6.5 - 9.0	6	21° (May-Oct); 13° (Nov-Apr)	0.1		0.06	10	25	10	500	250		10 PCU above natural conditions	126 (AGM); 410
445A.225	South Fork Owyhee River	Entire reach														

All criteria are for single values unless otherwise noted as follows:

AA = annual average

AGM = annual geometric mean

AM = annual median

- The temperature beneficial use standard is 21 degrees C from February through June when Lahontan cutthroat trout are present in this reach.
- The nitrite beneficial use standard is 0.06 mg/l from February through June when Lahontan cutthroat trout are present in this reach.
- When lake is stratified, the dissolved oxygen criteria applies only to the epilimnion.
- The flow weighted annual average concentrations for total dissolved solids in mg/l at the three lower main stem stations of the Colorado River are as follows: Below Hoover Dam = 723, Below Parker Dam = 747; Imperial Dam = 879
- Standard applies to the epilimnion or average in water column during periods of stratification.
- Aerobic conditions are established as a goal rather than a standard. Aerobic conditions is intended to mean the absence of objectionable odors that may be caused by wastewater discharges in excess of existing odors.
- Total suspended solids standard does not apply when flows are greater than 110 percent of average flow as measured at nearest gage. Average flow is defined as 12-month rolling average of the average monthly flow.
- When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 14 degrees C from April through June.
- The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21 degrees C, even though that temperature is not attainable at all times.
- DO standard presented as minimum allowable percent of saturation of 90 percent.
- Standard presented as maximum soluble phosphorus annual average concentration of 7.0 mg/l
- Turbidity must not exceed 3 NTU at any point in the lake too shallow to determine a reliable vertical extinction coefficient.